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Product Name :
Heat Conduction In Solids

Product Code :
LBNY-0005-12500044



Description :

A Dewar vessel prevents the exchange of heat with the surrounding environment. The specimens are equipped with several temperature measuring points. The fundamental laws of steady-state thermal conduction in solid bodies can be investigated with this experimental unit. The heat transfer rate is determined via the current and voltage of the heater. The specimens are arranged between an electrical heater and a water-cooled plate.

Technical Specification :

Linear conduction in metals
2 Thermometers for water temperature
4 Temperature sensors, display with selector switch
Voltmeter, ammeter
Specimens placed between electric heater and water-cooled plate
Raised tank for constant water pressure
6 Specimens (2x copper, aluminium, steel and 2x stainless steel)
Heating capacity, adjustable.



Laboratory Instrument India

